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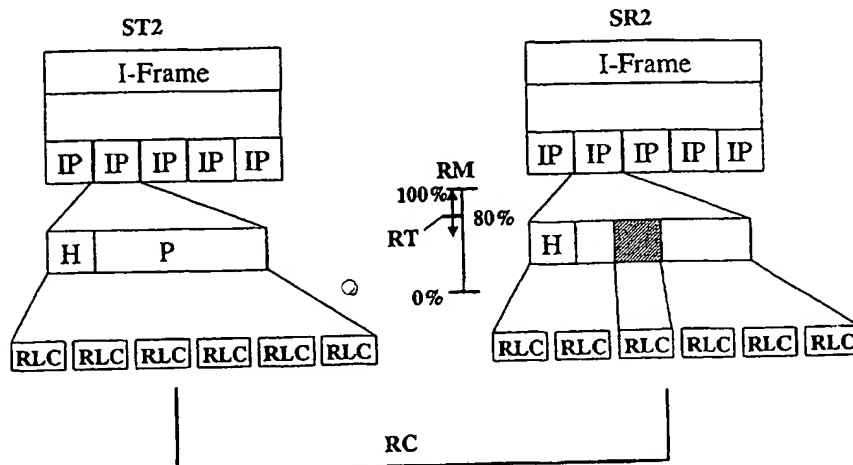
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(54) Title: METHOD AND DEVICES FOR ERROR TOLERANT DATA TRANSMISSION, WHEREIN RETRANSMISSION OF ERRONEOUS DATA IS PERFORMED UP TO THE POINT WHERE THE REMAINING NUMBER OF ERRORS IS ACCEPTABLE



(57) Abstract: A method and an apparatus for transmitting error-tolerant data is disclosed employing the ARQ technique, wherein the retransmission of erroneous data is performed up to the point where the remaining amount of errors is acceptable (for instance because the errors will not be perceived by the recipient of the information, which can be a person or a higher level protocol with additional error correction capabilities). The number of data blocks (RLC) detected as erroneous is employed to define a reliability measure (RM) and a request for retransmission of the erroneous data blocks is performed until a desired reliability threshold (RT) is reached. An additional threshold with a higher value than the first one can be employed to request for optional retransmission when the reliability measure (RM) is between the first and the second threshold. The retransmission will be performed only if further conditions such as channel availability are met.

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